

Title (en)

POLY ALPHA-1,6-GLUCAN DERIVATIVES AND COMPOSITIONS COMPRISING SAME

Title (de)

POLY-ALPHA-1,6-GLUCAN-DERIVATE UND ZUSAMMENSETZUNGEN DAMIT

Title (fr)

DÉRIVÉS DE POLY(ALPHA-1,6-GLUCANE) ET COMPOSITIONS COMPRENANT DE TEL DÉRIVÉS

Publication

EP 4165090 A1 20230419 (EN)

Application

EP 21736859 A 20210609

Priority

- US 202063037076 P 20200610
- US 2021036529 W 20210609

Abstract (en)

[origin: WO2021252569A1] The disclosure relates to poly alpha-1,6-glucan derivatives comprising poly alpha-1,6-glucan substituted with at least one organic group linked to the poly alpha-1,6-glucan through a linkage moiety selected from ether, sulfonyl, carbonate, or carbamoyl/carbamate, and having a degree of substitution of about 0.001 to about 3.0. The poly alpha-1,6-glucan comprises a backbone of glucose monomer units wherein greater than or equal to 40% of the glucose monomer units are linked via alpha-1,6 glycosidic linkages, and optionally at least 5% of the backbone glucose monomer units have branches via alpha-1,2 and/or alpha-1,3 glycosidic linkages. Compositions comprising a poly alpha-1,6-glucan derivative can be useful in various applications.

IPC 8 full level

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CPC (source: EP US)

C08B 37/0009 (2013.01 - EP); **C08B 37/0021** (2013.01 - EP US); **C08L 5/02** (2013.01 - EP); **C11D 3/222** (2013.01 - US); **C11D 3/225** (2013.01 - EP); **C11D 3/226** (2013.01 - EP); **C11D 3/227** (2013.01 - EP US); **C11D 3/228** (2013.01 - EP)

Citation (search report)

See references of WO 2021252569A1

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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Designated validation state (EPC)

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